



SEAL KING INC.
7134 WELLINGTON COUNTY ROAD #124 SOUTH
Guelph, ONTARIO, N1H6N3
Canada
519-821-1250

PRODUCT: PROLOCK PLUS

CODE: SK/PL+

SECTION 01: IDENTIFICATION

PRODUCT IDENTIFIER..... PROLOCK PLUS
 PRODUCT CODE(S)..... SK/PL+
 EMERGENCY NUMBER..... During business hours 519 821 1250. After business hours 613 996 6666.
 Product Class..... Modified Sand.
 RECOMMENDED USE AND Construction Material / Polymeric sand / polymeric stone dust.
 RESTRICTIONS
 SUPPLIER IDENTIFIER..... Seal King Inc.
 7134 Wellington County Road #124 South
 Guelph
 Ontario
 Canada
 N1H6N3
 (519) 821-1250

SECTION 02: HAZARD IDENTIFICATION



SIGNAL WORD..... DANGER.
 HAZARD CLASSIFICATION..... Carcinogenicity — Category 1A. Specific Target Organ Toxicity — Repeated Exposure — Category 1, Organs.
 HAZARD STATEMENT..... H350 May cause cancer. H372 Causes damage to organs < Lungs > through prolonged or repeated exposure < Inhalation >.
 PRECAUTIONARY STATEMENT
 Prevention..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/ attention. P314 Get medical attention if you feel unwell. P405 Store locked up. P501 Dispose of unused contents, container, and other contaminated waste in accordance with local, state, federal, and provincial regulations.
 Potential acute health effects:
 Inhalation..... May cause irritation of respiratory tract. Respirable Crystalline Silica (RCS) may cause cancer.
 Ingestion..... May cause gastrointestinal irritation nausea, vomiting and diarrhea.
 Skin..... Substance may cause skin irritation.
 Eyes..... May cause slight irritating. Other effects of eye contact may include: burning, eye damage, redness, swelling, tearing.
 Potential chronic health effects:..... Repeated contact may cause allergic reactions in very susceptible persons. Potential carcinogen.
 Medical conditions aggravated by repeated exposure to smaller particle sizes of this material may cause lung cancer.
 OTHER HAZARDS..... Contains varying quantities of quartz (crystalline silica). In its natural bulk state, the sand and gravel is not a known health hazard. Polymeric sand may be subjected to various natural or mechanical forces that produce small particles (dust) which may contain Respirable Crystalline Silica (particles less than 10 micrometers in aerodynamic diameter). Repeated inhalation of Respirable Crystalline Silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g. tridymite and cristobalite) may also be present or formed under certain industrial processes.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME AND SYNONYMS | CAS # | WT. % |
|--------------------------------------|------------|----------|
| Quartz (Crystalline Silica) | 14808-60-7 | 60 - 100 |
| Ethylene and vinyl acetate copolymer | 24937-78-8 | < 5 |

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SECTION 04: FIRST-AID MEASURES

PROTECTION OF FIRST-AIDERS:..... No hazards which require special first aid measures.
 ROUTES OF EXPOSURE..... Dermal contact. Eye contact. Ingestion. Inhalation.
 SKIN CONTACT..... Wash off immediately with soap and water removing all contaminated clothes and shoes.
 EYE CONTACT..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
 INGESTION..... Get medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Wash out mouth with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
 INHALATION..... Move to fresh air. If symptoms persists, call a Physician.
 Notes to Physician:..... Treat symptomatically.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABILITY..... Not Flammable.
 Lower Flammable /Explosive Limit:..... Not Applicable.
 Upper Flammable /Explosive Limit:..... Not Applicable.
 NFPA..... Health: 1 Flammability: 0 Reactivity: 0 Special: Not Applicable.
 SUITABLE AND UNSUITABLE Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 EXTINGUISHING MEDIA
 SPECIAL PROTECTIVE EQUIPMENT Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.
 AND PRECAUTIONS FOR
 FIRE-FIGHTERS
 Special remarks on fire hazard:..... None.
 Sensitivity to Mechanical Impact: No.
 Sensitivity to Static No.
 Discharge:

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only.
 PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).
 ENVIRONMENTAL PRECAUTIONS:
 METHODS AND MATERIALS FOR Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.
 CONTAINMENT AND CLEANING UP
 Other Information:..... None known.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING.. Wear gloves/protective clothing/eye protection/face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.
 CONDITIONS FOR SAFE STORAGE, Keep container tightly closed and sealed unit ready for use. Containers that have been INCLUDING ANY INCOMPATIBILITIES opened must be carefully resealed and kept upright to prevent leakage. Do not store unlabeled containers. Use appropriate containment to avoid environmental contamination. . Keep out of the reach of children.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| INGREDIENTS | TWA | ACGIH TLV STEL | PEL | OSHA PEL STEL | REL | NIOSH |
|--------------------------------------|---|-------------------|-----------------------------------|------------------|---|-------|
| Quartz (Crystalline Silica) | 0.025mg/m3 for 8 hour time weighted average | | 10/(%crystalline silica +2) mg/m3 | | 0.05 mg/m3 for 10 hr shift, 40 hr. week for 100% crystalline silica | |
| Ethylene and vinyl acetate copolymer | No Data | No Data | No Data | No Data | No Data | |

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
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| APPROPRIATE ENGINEERING CONTROLS | Ensure adequate ventilation, especially in confined areas. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. |
| CONTROL PARAMETERS (biological limit values or exposure limit values and source of those values) | Exposure limits: Dust - CAS 14808-60-7 ACGIH – TLV-TWA 0.025 mg/m3 (respirable particles) & PEL-TWA 10 mg/m3 (respirable particles) & 30 mg/m3 (total dust);. |
| HYGIENE MEASURES..... | Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. |
| INDIVIDUAL PROTECTION MEASURES | Selection of personal protective equipment (PPE) is to be established by the employer performing a PPE hazard assessment. |
| RESPIRATORY/TYPE..... | In case of insufficient ventilation wear suitable respiratory equipment. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. |
| GLOVES/ TYPE..... | Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. . No special protective equipment required. |
| EYE/TYPE..... | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. |
| CLOTHING/TYPE..... | Impervious clothing, such as a synthetic apron or coveralls, should be used to prevent contact with skin or clothing. |
| FOOTWEAR/TYPE..... | Appropriate footwear and any additional skin protection measures should be selected based on the task performed and the risks involved . |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|--|
| APPEARANCE (PHYSICAL STATE AND COLOUR) | Gray, beige, white, black, solid sand like material. |
| ODOUR..... | Mild. |
| pH..... | 6.5 - 8.5 . |
| FLASH POINT (°C), METHOD..... | Not Applicable. |
| INITIAL BOILING POINT AND BOILING RANGE (°C) | No data. |
| MELTING POINT AND FREEZING POINT (°C) | No Data. |
| EVAPORATION RATE..... | Not applicable. |
| FLAMMABILITY (SOLIDS AND GASES).. | Not Flammable. |
| LOWER FLAMMABLE LIMIT (% VOL)..... | Not applicable. |
| UPPER FLAMMABLE LIMIT (% VOL)..... | Not applicable. |
| VAPOUR PRESSURE..... | No data. |
| VAPOUR DENSITY (AIR=1)..... | No data. |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| CHEMICAL STABILITY..... | The product is stable, under normal conditions of storage and use. |
| HAZARDOUS POLYMERIZATION:..... | Will not undergo hazardous polymerization. |
| CONDITIONS TO AVOID..... | Moisture. Contamination. |
| INCOMPATIBLE MATERIALS..... | Water and moisture. . |
| HAZARDOUS DECOMPOSITION | None under normal use. |
| PRODUCTS | |
| POSSIBILITY OF HAZARDOUS REACTIONS | Under normal conditions of storage and use, hazardous reactions will not occur. |

SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
|--------------------------------------|---|---|
| Quartz (Crystalline Silica) | | oral rat > 2255 mg/kg |
| Ethylene and vinyl acetate copolymer | data is not available or does not correspond to the classification category | Data is not available or does not correspond to the classification category |

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SECTION 12: ECOLOGICAL INFORMATION

Do not allow product or any runoff from fire control to enter storm or sanitary sewers, lakes, rivers, or public waterways. Federal regulations and other agencies may require to be notified of a spill incident.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS..... Disposal of in accordance with Federal, provincial and municipal regulations. Dry empty containers may be recycled.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION..... Not Regulated.
ICAO/IATA..... Not regulated.

SECTION 15: REGULATORY INFORMATION

WHMIS1988 CLASSIFICATION..... Class D2A: material causing toxic effects (Toxic) .
CEPA/DSL STATUS..... All components of this product are on the CEPA DSL inventory.
REGULATORY TEXT..... This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
U.S. TSCA INVENTORY STATUS..... All components are listed or exempted.
HAPS (Clean Air Act 112 regulated substances):

SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS): Health: *. Flammability: 0. Physical hazards: 0. Personal Protection: E. * Warning – Chronic health effect possible – inhalation of silica dust may cause lung injury/disease (silicosis). Take appropriate measures to avoid breathing dust. See Section 8.

PPE DISCLAIMER:..... The customer is responsible for determining the PPE code for this material.

General Disclaimer..... The information in this safety data sheet is not intended to be exhaustive and is based on the present state of Korzite's knowledge and on current laws; any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Safety Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of Korzite's knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. A copy of this document should be requested and reviewed carefully. The information contained in this safety data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data is current prior to using the product. .

PREPARED BY: Regulatory Affairs
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